



The

GARzette



The Official Newsletter of the Gwinnett Amateur Radio Society

December 2023 <http://www.gars.org/> Volume 50, Issue 12

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www.GARS.org



GARS January Exhibition of the
Technical aspects of Amateur Radio
Held at the Gwinnett County Fairgrounds



**Don't forget to support our
advertisers at the back of the
GARzette.**

GARS Meeting: Holiday Party held on December 2 – no Meeting or Workshop this month, Enjoy the holidays with family.



President's Message

From the President...



Let me start by saying thank you to all the volunteers who shared of their time at the Stone Mountain Hamfest last month. Besides having a lot of fun and providing the valuable resources needed to give the Hamfest its best chance of success, GARS earns a benefit in the form of a monetary nature. The announcement of that amount was revealed and presented at the GARS Holiday Party by the **Hamfest Treasurer, Ralph Pickwick, KJ4CNC**. We are thankful for the volunteers we are able to provide, and the rewards we reap from it. Again, thank you to each and every volunteer who stepped up and gave us your time and effort for the 2023 Hamfest!

A special thanks to Geri Foust, K4GMF (and team) for organizing and executing the GARS Holiday Party again this year successfully.

Coming up will be our annual Tech Fest event. I hope to get a good showing of volunteers to help with that and you'll showing that we have. So be sure when you sign up at the volunteer sheet at: <https://docs.google.com/spreadsheets/d/1uGXHtmSbpB6PMwBzRkbStn0DeLv5QhIQotf7un1k1Bq/edit#gid=0>

Also, if you know of someone who could be a good exhibitor at our TechFest, please let someone on the TechFest team know and someone will contact them.

We'll have everything there from Ham radio technology and so forth to Fox hunting, geocaching, and aircraft simulation.



If you missed our annual holiday party at the meeting place, then you missed quite the entertaining value. **Sharon Adcock** won the 'Bow Scooping' contest. And with eighteen individuals contributing to the wreath build, **Harold Brown, KI4FPR** won



this seven-pound unique holiday decoration. **Congrats to Sharon and Harold.**

Though a little bit red-faced, our entertainment, the Barbershop Quartet, 'Up Front', serenaded one young lady in attendance.



Thanks to **Jolie, K04AHI** for being a good sport.

Now on to the final or most significant part of the holiday party was our Awards and recognition for **GARS Ham of the Year**.

Voted on by unanimous decision, this year's recipient of the **GARS Ham of the Year** award, is **Sandy Jackson, KJ4DRO**.

Sandy has been a club member for a long time and is thought quite highly of by everyone. So next time you get a chance to see Sandy, make sure to congratulate her on this well-deserved recognition.

Look elsewhere in this newsletter for all of her accomplishments and merits considered in awarding Sandy the Ham of the Year.



Psssst, I hear-tell she will be at TechFest 😊

Happy Holidays Everyone!

73,

Joe Biddle, AD4PZ

Club President

GARS Repeaters and Other Communications

<u>2 Meter Repeaters</u> 147.075(+) MHz Tone 82.5 147.255(+) MHz Tone 107.2 <u>1.25 Meter Repeater</u> 224.580(-) MHz Tone 100.0, 1.6 MHz Offset <u>70 Cm Repeaters</u> 444.525(+) MHz Tone 82.5 442.100(+) MHz Tone 100 442.325(+) MHz Tone 100	<u>6 Meter Repeater</u> 53.110 (-1 MHz) No Tone (Offline for Maintenance) Other Resources: <u>APRS</u> 144.390 -- 1200 Baud W4GR <u>D-STAR (WD4STR)</u> 145.060 + (1.4 MHz) 440.550 + (5 MHz)	6M Currently down 147.075 Operational in Snellville 147.255 Operational in Snellville 224.580 Operational in Grayson 442.100 Operational at Goshen Springs 442.325 Operational in Buford 444.525 Operational in Snellville Link remote receivers being added
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Notable Web Links

Ham Radio Glossary: <https://noji.com/hamradio/glossary.php> a very comprehensive listing provided by Noji Ratzlaff KNØJI. On his site there is also a lot of information about getting started in ham radio.

Need Help – Let GARS Elmers answer your questions

Send an email to elmers@gars.org with the subject listing the area (like Antennas, Repeaters, Digital, DMR etc.) of your query to get to GARS Elmer volunteers.

About the GARzette

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the Amateur Radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by e-mail to editor@gars.org. Artwork can be accepted in most any graphics format and can be submitted via e-mail to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the Amateur Radio spirit, permission is hereby granted for the reproduction of The *GARzette* articles by other Amateur Radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

The GARzette is published each month with the assistance of Karen KI4HPP and Kyle W4KDA who print copies for distribution at meetings, etc. and Dave Bruse, W4DTR, who distributes the newsletter electronically.

Deadline for submissions is the 28th of each month for inclusion in the following month's issue.

For additional information view our Website at: <http://www.gars.org> [PS— Articles to publish in the *GARzette*, either written by GARS members or published elsewhere, are always welcome. —Ed.]

Newsletter Email: editor@gars.org Editor: Bob Hoffmann, K4CQO

GARS Personalized Mugs for sale – Bits Print and Press



**Jolie
Dellaneve-
Brown,
KO4AHI**



<mailto:bitsprintandpress@gmail.com>

GARS Meetings & Workshops

GARS Meetings and Workshops are held in-person at the EAA 690 Hangar, 690 Airport Rd, Lawrenceville, GA 30046.

Meetings and Workshops are OPEN to all, feel free to share your invite with others.

GARS Meetings Schedule (second Tuesday @ 7:00 PM): (these are the presentations)

- December 2, 2023 – **Holiday Party and GARS Ham of the Year Announcement**
- January 09 - Soldering Surface Mount Technology (SMT) Devices – Kevin Scott K4GTR
- February 13 - DYI PCB Layout Using KiCAD – Kevin Scott K4GTR
- March 12 – Antenna Modeling – Lee Johnson N4WYE

Workshop Schedule (third Tuesday @ 7:00 PM): (these are the Hands-on Workshops)

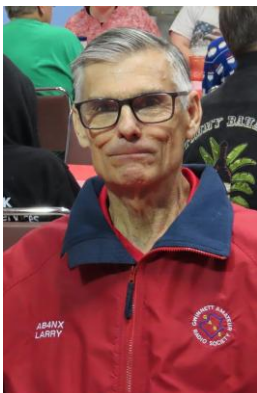
- December - **No Workshop in December**
 - January 16 – Soldering Surface Technology (SMT) Devices – Kevin Scott K4GTR
 - February 20 – DYI PCB Layout Using KiCAD – Kevin Scott K4GTR
 - March 19 – Antenna Modeling – Lee Johnson N4WYE
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GARS Holiday Celebration – December 2, 2023

GARS celebrated its annual Holiday party with food, fun & games along with the awarding of the GARS Ham of the Year Award.



Enjoy December with your family and friends – and spend some time on the air waves.



GARS would like to thank Larry Whited, AB4NX, & Kevin Igarasihi-Ball, W4KIB, for their AREDN presentation on how AREDN uses off-the-shelf radio/routers flashed with special software providing hams with a high-speed data network offering a rich variety of tools, and the workshop providing the AREDN router give away and programming.



GARS Happenings

20 Years ago in the December 2003 GARzette:

- The first page Editorial is a must read – so little has changed in the last 20 years
- Zack Bennett - KI4CJF has an article on his journey starting with a scouts introduction to ham radio
- There is a NetOp article with newbie hints and encouraging youthful NetOps

You can always browse the GARzette archive at <http://www.gars.org/newsletters>. 73, Bob, K4CQO, GARzette Editor



[Health and Wellbeing](#) – Sandy Jackson, KJ4DRO

Look for this resource on [Email](mailto:https://gars.org/contact/) (<https://gars.org/contact/>) and use it as a means to convey information about a GARS family member or Silent Key notification.

Net Managers Corner

Monday Night 2 Meter “Want, Swap, Sell, and Information Net”

GARS NEEDS MEMBERS TO SERVE AS NET CONTROL STATIONS!

GARS is a great Amateur Radio service club with the membership and awards to prove it. Our club is very busy and active, and we use the Monday night net to get timely information out to our members. Weekly participation is needed to make our net function well. There is only a small group of very dedicated people who make the net happen each week, and we need more members to volunteer to serve as Net Control Stations (NCS) on a rotating basis.

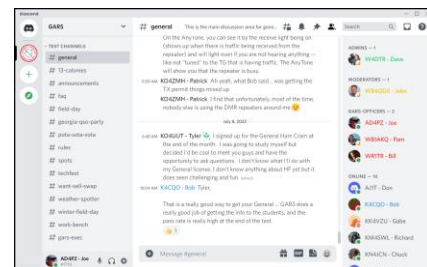
Out of almost 300 members, there are only seven operators who serve as the NCS for the GARS net every Monday night. In no particular order, they are:

Ray – N4GYN David – KA4KKF Kevin – W4KIB Fisher – W4LON Chuck – KK4TKJ

As GARS Net Manager (Chuck KK4TKJ), I would like to have more volunteers to fill NCS positions. I do plan and post the schedule months in advance. Any conditions will be accommodated that you as a rotating NCS need to place on the scheduling of your duties. If your plans change, I can make adjustments for the schedule to work, and I will make those changes happen as soon as I am notified of a problem. As Net Manager, I also send out reminders each week to let the NCS scheduled know he or she is NCS for the next Monday night net. In short, serving as a rotating NCS is a small duty but a great contribution to the club. The “Want, Swap, Sell Information Net” begins promptly at 19:30 every Monday night and runs about 30 minutes. As a scheduled NCS, you will request the assistance of a volunteer alternate NCS each time you have Net Control. Your simple duties will be to tune in to the GARS repeater, read the script, take a few notes and forward the information to me for record keeping.

Please lend a hand and contact (Chuck) via [Email](mailto:https://gars.org/contact/) (<https://gars.org/contact/>) to help support the effort that makes GARS the great club that it is. See you on the Nets!

Don't forget about our Discord utility for GARS announcements, news, activity spotting and more. See <http://www.gars.org> top of the home page. This is a sample of Discord. →



GARS Ham of the Year – Sandy Jackson

Congratulations Sandy Jackson KJ4DRO



Sandy Jackson, KJ4DRO was chosen as the GARS Ham of the Year for the following dedications and merits she has given to the Gwinnett Amateur Radio Society Club.

- Long term GARS Member
- Sandy has served as the GARS Vice-President
- Sandy is currently our Health and Wellbeing Chairman
- She was our Program Manager for several years
- Sandy has organized our Christmas Party many times
- She will solicit vendors at the local hamfest for donations to be used at our TechFest
- Works the GARS 'booth' year after year at the Stone Mountain Hamfest
- Works the Announcement/Door prize table at our Tech Fest - making announcements and handling the prize drawings
- Originator of "The Pop Corn Ladies" at the Stone Mountain Ham fest contributing to the taste and aroma of buttery popcorn goodness throughout the building
- Sandy used to conduct the Monday Night Nets for a period
- Sandy has held CPR classes and other first aid classes as well to many GARS members
- Sandy is particularly popular in the heat of the summer when, for years, has supplied our June General meeting with cold tasty Ice Cream
- ...and more

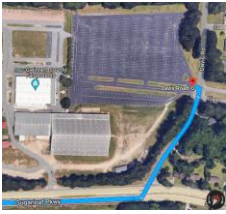
Sandy has been a shining example of the service-oriented spirit of Amateur Radio.

--Joe Biddle, AD4PZ

GARS Upcoming TechFest January 13, 2024

The GARS TechFest is a FREE annual event specifically geared towards amateur radio enthusiasts. This event provides an excellent opportunity for individuals to learn about the latest developments in amateur radio technology, share knowledge and experience, and network with other amateur radio operators. Attendees can expect to see demonstrations of various types of equipment, and attend presentations and workshops on a variety of topics. This event is great for anyone who is interested in amateur radio, whether you're a seasoned operator or just getting started.

Where



[Gwinnett County Fairgrounds](#)
[Expo Center Building](#)
[2405 Sugarloaf Pkwy](#)
[Lawrenceville, GA 30045](#)

Use Davis Rd Parking Lot and Entrance to Expo Center.

Ham Radio Exams

Exam Fee: \$14.00
 9:00am to 11:00am

[\[What to bring to a exam session\]](#)

[\[Click here to preregister - highly recommended - Youth MUST preregister\]](#)

Free Stuff



The Gwinnett Amateur Radio Society is pleased to provide free coffee all day, and a free lunch to attendees! Stop by for hot dogs, chili and much more!

Also Free:

- General Admission
- Tons of Exhibits
- Excellent Forums

Ham Radio Swag (free promotional items)

Door Prize Ticket – To win awesome Door Prizes (Click on Door Prizes in the menu above for more info)



GARS Member gets Awards

RCA (the Radio Club of America, the world's most prestigious society of wireless professionals), announced at its annual Awards Banquet in Atlanta a major new award: The Carole Perry RCA Young Professional Award. This award is for those students, previously in middle or high school, who became Carole Perry RCA Young Achievers and presented at RCA's annual Technical Symposium. If they then go on to college, or go into the wireless industry, and subsequently present again at an RCA Technical Symposium, they will be nominated to receive this award. RCA President John Facella said "The objective of this award is to encourage middle and high school students to go on to study wireless related subjects, and then work in the wireless industry. It is well known that there is a major shortage of qualified people to work in the wireless industry. This is one way to help alleviate that shortage." RCA President-elect David Bart said "RCA Director and Fellow Carole Perry for over 30 years has been a consistent positive force within RCA to get middle and high school students interested in STEM (science, technology, engineering, math) and wireless subjects. This award in her name will properly commemorate all of Carole's work and provide an incentive for these students to stay in wireless."

From Ruth KM4LAO on Twitter (<https://twitter.com/KM4Ruth/status/1726805525134754054>):

The RCA Technical Symposium was in Denver on Saturday, 11/18/23. Ruth Willet is the **first recipient** of the **Carole Perry Young Professional Award**.

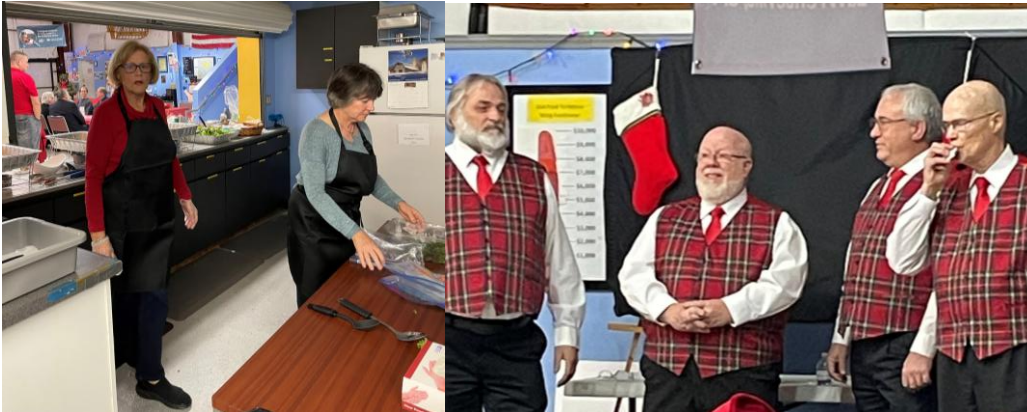
During the symposium, Ruth also presented on connections between Ham Radio and Acoustics & won the **1st place presentation award**!





GARS Holiday Party Pictures

More pictures are available on the [GARS groups.io](https://groups.io/g/GARS) site.



Kenwood TS-511S and TS-900 Update

Vintage Amateur Radio

de Bill Shadid, W9MXQ



This article takes a bit of a turn that I guess should be expected considering the penetration of this column in the Vintage Radio community. Communications come to me on a regular basis from readers in the United States and other countries.

Communications are supportive and some also add small suggestions for making the articles better. Many of those comments have been incorporated in format, sources, and focus.

Recently, I was approached by Marc, K7WXX, concerning my article on the Kenwood TS-900 and how it might relate to the installation of a CW filter in his TS-511S¹. The TS-900 and the TS-511S were marketed at the same time and were the first mass marketed Kenwood HF Transceivers in the North American market. This led Marc to a friend, Kevin, K7ZS, who shared Marc's interest in the TS-511S Transceiver and many other Kenwood

Vacuum Tube and Hybrid Transceivers. Presumably, Kevin and Marc thought the Kenwood TS-900 Transceiver, which was marketed at the same as the TS-511S, were similar in circuit design. The two radios are similar in conversion scheme but are otherwise quite different. Marc and Kevin's question was also picked up by Mark, WBØIQK, a Net Control Operator on the Kenwood Hybrid Net.

So, for reference, here is the TS-511S that is in this discussion:

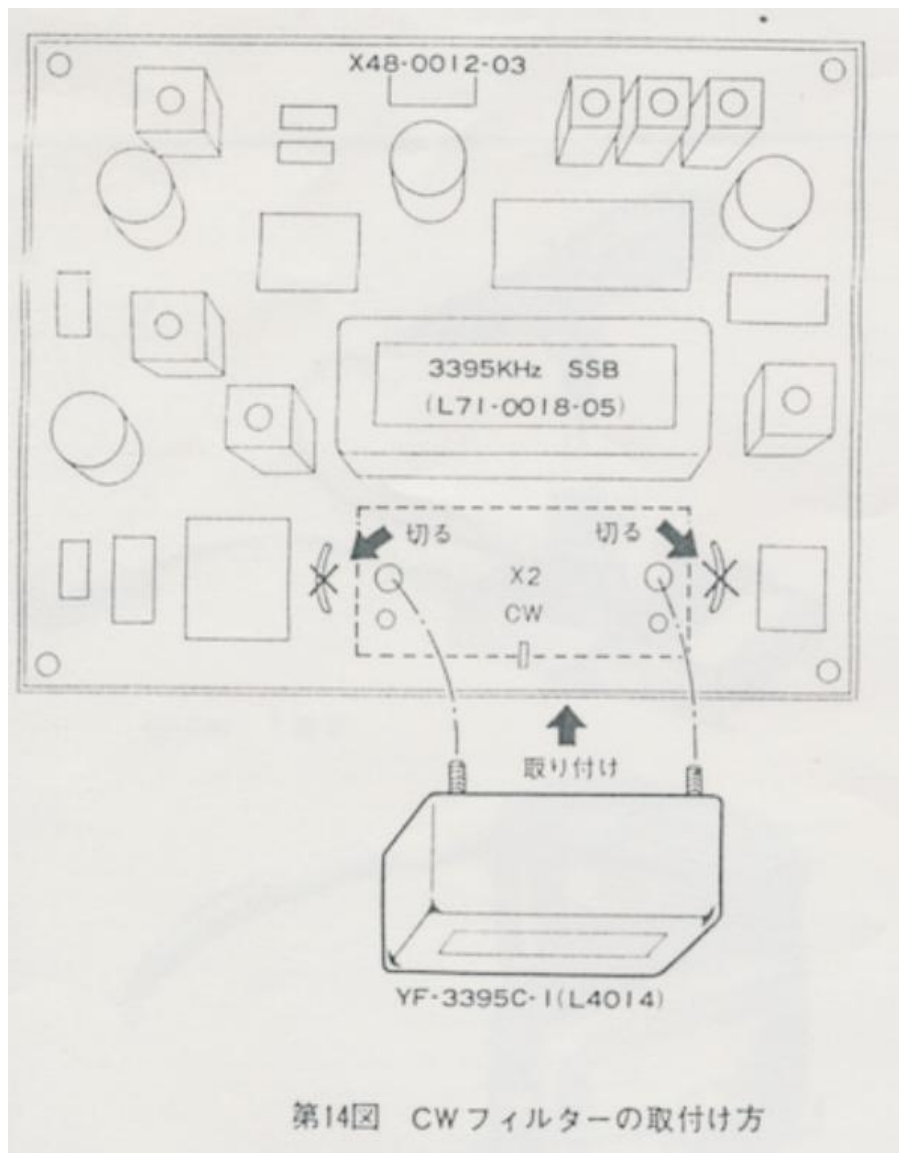


**Kenwood TS-511S HF Transceiver with Power Supply and Remote
VFO
W9MXQ**

I was flattered that Marc read my article and more so that he asked for my advice. But the truth was that had no idea how to answer him! I have two TS-511S Transceivers and two TS-900 Transceivers. All four of these radios are devoid of any filter installation information and came with what appear to be factory installed CW Filters. I did consider filter installation as a topic in both articles at that time of writing, but I thought perhaps Kenwood had made the CW filter standard equipment in these radios in the North American market. It seemed a reasonable assumption with no installation information present. At the time of Marc's inquiry, I was waiting for delivery of a complete Service Manual for the TS-511S but there was little hope for information since my TS-900 Service Manual from the same time-period did not cover the addition of any optional filter. There was not much chance the TS-511S manual would be any different.

No one seemed to know the answer to how these filters had to be installed. Or, more properly said, we knew how to solder the filter in place but what changes need to be made to this nearly 50-year-old radio? But thankfully, Masa, AB9MQ,² came on the scene and as it turned out had a Japanese market TS-511. Specifically, Masa has a TS-511DN – a lower power version of the radio marketed for a license class in Japan restricted to lower power. It is pretty much identical except for the RF power amplifier.

So, the mystery is quickly solved with copies, in Japanese, of the filter installation instructions Masa had with his TS-511DN:



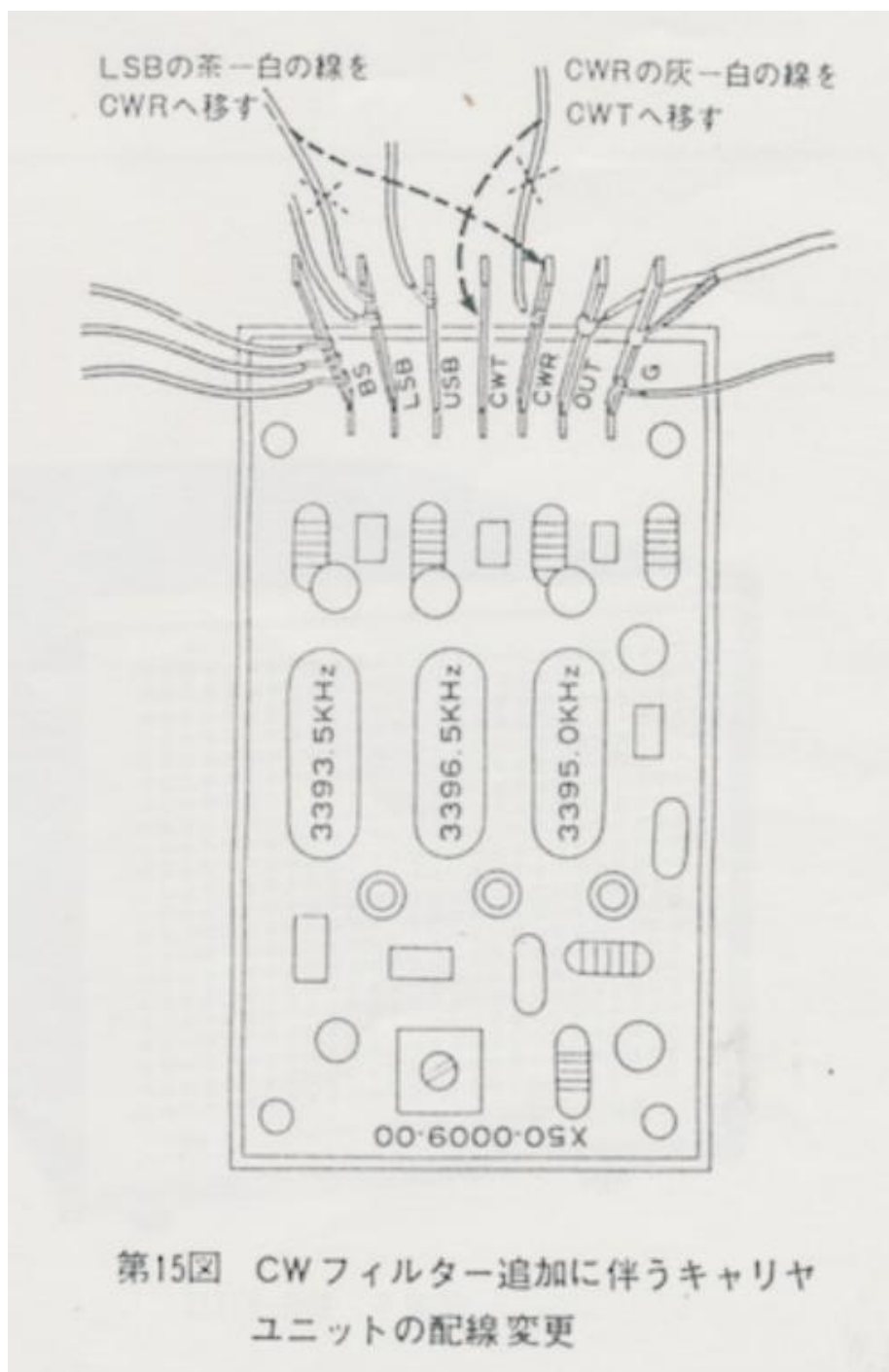
Top View of the X48-0012-03 I-F Unit Board

AB9MQ

The I-F Unit is on the top of the radio chassis at the left rear. With the CW filter uninstalled, the open CW Filter position is clearly visible in front of the existing SSB Filter. The critical issue here is the need to cut the two jumpers shown on the circuit board. This is typical for installation on later Kenwood transceivers – and some other brands. But in the case of the TS-511S or TS-511DN, there is more that must be done.

The switching of the filters from SSB to CW is still not complete with just the modification shown above.

There are wiring changes that must also be done on the Carrier Oscillator board:



Top View of the X50-0009-00 Carrier Oscillator Board AB9MQ

The Carrier Oscillator Board is on the bottom of the radio chassis just behind the front panel. The terminals shown on the board layout are toward the back of the radio.

Masa, AB9MQ, describes the process here in that he says:

1. Move the white wire from LSB to CWR
2. Move gray wire from CWR to CWT

The only difficulty may be that you must carefully trace out the wires – even if you find wire colors as Masa specifies when preparing to make modifications³. Such modifications involve risk of damage to the radio so beware of that point when you decide to make any changes. Understand also that we are discussing radios here that may have been modified in some other way in the past. Just be careful – damage to either of the circuit boards here could disable the radio completely.

The installation of a CW filter in the TS-900 remains somewhat of a mystery. Both of my TS-900 Transceivers, and a third one I had access to for a while for parts⁴, already had the CW filter installed. Is it logical that the jumpers present on the X48-0012-03 I-F Unit Board on the TS-511S should have some equivalent on the X51-1010-10 XF (Filter) Board on the TS-900? Looking at the board in my radios shows no evidence of a jumper being removed or any place where one might have existed. Looking at the schematic of the X51-1010-10 board in the TS-900, however, seems to indicate that the filters are diode switched – so perhaps the jumpers are not required. It remains that for the TS-511S and TS-900 some need exists to make changes in the radio when a CW filter is installed. Without such a modification, a radio without a CW filter would not allow receive signals to pass without the presence of the filter. A bit of a mystery remains!

A special thanks go to Bob, W9DYQ, for his proof reading. Also, a special thanks for the very great assistance I received from Masa, AB9MQ. I am always open to questions and comments at my email address, W9MXQ@TWC.com.

Notes:

¹ CW filters for the TS-511S or the TS-900 are the same. Today they are increasingly difficult to find. The Kenwood model is YG-3395C – it may be branded Trio, Kenwood, or Trio-Kenwood. Kenwood no longer stocks them. It was also available from INRAD (<http://inrad.net>) – but is no longer in stock. They are sometimes available on eBay and other sites. For the INRAD part – be sure it is the equivalent of the YG-3395C.

² Masa Yamamoto, AB9MQ, lives in my hometown of Bloomington-Normal, Illinois. In fact, as a point of trivia, he lives on what was once my newspaper route when I was in high school. It is a small world. Masa is an avid collector and restorer of radios. Masa and I have previously met on vintage radio nets.

³ Repeating what is said above – NEVER make modifications in radio wiring without knowing exactly what you are doing. In my own radios I trace out every connection before making any modification – even if the wire colors seem correct. You have the potential to destroy the radio – please be careful.

⁴ The TS-900 is usually rated in North America at a power rating of 300 watts input on PEP SSB with a pair of 6LQ6 Tubes. A few can be found with a pair of 6146 Tubes. The third one that I mention as having for a while was equipped with the 6146 Tubes. This was not a field modification and represented a radio produced by Kenwood. Several different tubes were made available in the TS-900 in different markets. Those radios were likely rated at 180 watts PEP SSB input. This was shown in more detail in my TS-900 article.

© **W9MXQ**



GARS Membership

New Members in November

Karen Ngowe (KQ4MKM)
Steve Stall (N4CVC)

New Members: 2

**Total Members as of
December 1, 2023
357**

Join GARS members for our:

- weekly lunch bunch at 11:30 AM most Fridays
- weekly breakfast gathering at 8:00 AM most Saturdays

Both weekly gatherings are held at The 5 Spot at:

The 5 Spot restaurant
[555 Progress Center Ave](http://www.gars.org)
[Lawrenceville, GA 30043](http://www.gars.org)

Birthdays in December

David Adcock (KA4KKF)
Steve Back (WB2OGY)
Joe Biddle (AD4PZ)
Mom Carreras
Jackson Chauvin (KN4WBJ)
Jonathan Dickenson (KE7PQL)
Barry Greene (KM4RVY)
Franklin Haynes (KV4SP)
Lin Holcomb (NI4Y)
Adrienne Holcomb (W4FHL)
Tyler Jensen (WB4TLJ)
Gregory Job (KQ4GKT)
David Johnston (KM4UVI)
Margier Langston
John Longo (W5BMW)
Mitch Matteau (N0DIM)
Chuck McCord (KK4TKJ)
Pam Meridy (WB1AKQ)
Kandace Millet (KQ4FOZ)
Alan Murray (WH7Q)
Jack Perry (K6JLP)
Ralph Pickwick (KJ4CNC)
Zachary Pratt (KO4NZB)
Eric Rice (KO4OVZ)
Grace Roberts
Jere Sandidge (K4FUM)
Norman Schklar (WA4ZXV)
Dave Slotter (W3DJS)
Susan Swiderski (AF4FO)
Amy Woodrick (KE4IKF)

GARS MEMBERSHIP

Your current GARS membership status is shown in the monthly newsletter e-mail towards the bottom of the message. To become a GARS member, or to renew your GARS membership, please visit our website – <http://www.gars.org>. To make changes to your GARS membership (moved, new e-mail address, new phone number, etc.), please contact the Membership Chair at [Email](mailto:membership@gars.org) (<https://gars.org/contact/>) with any changes to your Membership information.

Membership Chair: Karen Albritton, KI4HPP

Committee Members: Dave Bruse, W4DTR

ARRL MEMBERSHIP

To update your ARRL membership information, please visit their website - <http://www.arrl.org>.

MAINTAIN YOUR LICENSE

You can update your Amateur Radio license information with the FCC at their website for free - <https://www.fcc.gov/wireless/universal-licensing-system>. License renewal is subject to the \$35 FCC fee.



Donating to GARS

Your GARS donation can be used for a certain purpose by donating to one of these funds:

- GARS SK Memorial Fund for Education
- (to remember and honor Silent Keys);
- GARS Scholarship Fund (Administered by the ARRL for awarding scholarships);
- GARS General Fund (any club purpose).

GARS has joined these rewards programs (a portion of every purchase you make through these merchants may be donated to GARS):

- Kroger Community Rewards program.

For more information on how to sign up for these rewards programs, or to donate to GARS, visit

<http://gars.org/gars/donations-to-the-club>

GARS on Social Media



Discord Request:

<http://gars.org/discord>



Groups.io:

<http://gars.org/groups.io>



Visit GARS on Facebook:

<http://gars.org/facebook>



Follow GARS on Twitter:

<http://gars.org/twitter>



Join GARS on YouTube:

<http://gars.org/youtube>

GARS Mail Address:

GARS
P.O. Box 492531
Lawrenceville, GA 30049

Officers



Joe Biddle, President AD4PZ



Alex Kowalchuk, Vice President AK4AM



Bill Hawkins, Secretary WR1TR



Pam Meridy, Treasurer WB1AKQ



Kevin Scott, Program Manager K4GTR

Managers and Committee Chairs



Karen Albritton, Membership Chair KI4HPP



Dave Bruse, VE Team Leader W4DTR



David Adcock, Webmaster, Field Day Chair, TechFest Chair KA4KKF



Ralph Pickwick, Education Chair KJ4CNC



Earl Whatley, Apparel Manager AF4FG



Bob Hoffmann, GARzette Editor K4CQO



Eddie Foust, Repeater Chair WD4JEM



Mike Weathers, WAS / DXCC QSL Card Checker and Historian ND4V



Chuck McCord, Net Manager KK4TKJ



Steve Back, Technical / RFI Advisor WB2OGY



Dallas Mellichamp, Workshop Leader N4DDM



Sandy Jackson, Health and Wellbeing KJ4DRO



Kevin Igarashi-Ball, Multimedia Chair W4KIB



Dallas Mellichamp, Georgia QSO Chair N4DDM



Neil Derryberry, Elmer Manager WD4NET

Open Winter Field Day Chair

Directors and Trustees



John Davis, WB4QDX



Rick Cobb, N4XYY



Kyle Albritton, W4KDA



Bill Cherepy, WB4WTN W4GR Trustee



GARS Meeting Minutes

Gwinnett Amateur Radio Society – MEETING 11/14/2023

There were 47 in-person attendees

President Joe Biddle (AD4PZ) opened the meeting at 7:00 p.m. and closed the meeting at approximately 8:35 p.m.

New hams and visitors: Joe (AD4PZ)

- First time visitors recognized.
- Introductions all around.

Treasurer Report: Joe (AD4PZ)

Education: Ralph (KJ4CNC)

- Nothing to report

VE Team: Bob (K4CQO)

- This Month we had 1 new Tech, 1 upgrade to General, and 1 triple crown (all three tests passed).

Programs: Joe

- December – Holiday Party
- January and February – 2 part series on surface mount technology

Apparel: Earl (AF4FG)

- We have a number of items that were ordered and paid for that have not been picked up. If you have ordered an item or know someone who has, check out the items. The items are personalized.

JOTA: Steve (WB2OGY)

- Everyone had a good time.
- Steve thanked all those that helped.
- He is considering changing venue to get a bigger potential group of interested kids.

Hamfest: Ralph (KJ4CNC)

- Ralph made a pitch for all of us to attend events like this to keep them going for the next generation.
- Ralph is resigning as treasurer for the event and asked for anyone interested to step up.
- Joe announced that we added \$1700 for the scholarship fund through the SK sales.
- Dallas reported that the Antenna building forum was a great success.
- ARRL Section Manager, David Benoist, congratulated the clubs on the Hamfest and reminded us to try and keep up with the ARRL legislative actions and get involved as we can.

Holiday Party: Joe (AD4PZ)

- Joe announced the menu.
- Bring something ham related to decorate the wreath.
- There will be entertainment and games.

Techfest:

- At county fairgrounds the second weekend of January.
- Volunteers needed to setup and take down. A zoom meeting will be held to prep.
- We have room for several more exhibitors.
- Contact David (KA4KKF) if you have a demo or presentation.

Other: Joe (AD4PZ)

- Don Bagby (KK4NJM) is silent key. A card was passed around.
- Winter Field Day – Joe asked for a show of hands to gauge interest in WFD this year.

Program: AREDN Mesh with Larry (AB4NX and Kevin (W4KIB)

Minutes prepared by club secretary Bill Hawkins (WR1TR).

Workshop Minutes - November 21, 2023

Number in Attendance: 19

Workshop Topic: AREDN MESH

Presenter: Larry Whited AB4NX and Kevin Igarashi-Ball W4KIB

Brief Summary: For a dark, wet, rainy night this was our 3rd largest attended Workshop for the year, only to be outdone by the 23 attendees of the Mobile Radio Installations Workshop and the 21 for our Field Day Preps. With all the gear on display and spread out on the tables to flash the MikroTic routers it felt like there were more than just 19 folks present.

At least 4 MikroTic routers were flashed and 3 set up on the MESH Tunnel network, including one router given away as a door prize.

In a future Workshop, we will work on setting up VoIP phones to communicate across the MESH network.

Elmers are always present at the GARS Workshops. Feel free to bring your questions to the Workshop and if your project is small enough to bring to the meeting, let us know in advance via email so we can bring tools, test gear, etc.



Events – GARS and others

ARRL CONTESTING INFO

From ARRL Contest Calendar

> For more information click the links <

2023	January
1	Straight Key Night
7	Kid's Day
7-8	RTTY Roundup
21-23	January VHF Contest
	February
13-17	School Club Roundup
18-19	International DX – CW
	March
4-5	DX Contest -- SSB
	April
16	Rookie Roundup – Phone
	May
	No planned contests
	June
3-4	International Digital Contest
10-12	June VHF
17	Kid's Day
24-25	Field Day
	July
8-9	IARU HF World Championship
	August
5-6	222 MHz and Up Dis Contest
19-20	10 GHz & Up – Round 1
20	Rookie Roundup – RTTY
	EME - 2.3 GHz & Up
	September
9-11	September VHF
16-17	EME - 2.3 GHz & Up – Rnd 2
9-10	10 GHz & Up – Wknd 1
	October
29-29	EME - 50 to 1296 MHz
16-20	School Club Roundup
	EME - 50 to 1296 MHz
	November
4-6	Nov. Sweepstakes - CW
25-26	EME - 50 to 1296 MHz
18-20	Nov. Sweepstakes - Phone
	December
1-3	160 Meter
9-10	10 Meter
17	Rookie Roundup–CW

For more information:

<http://www.arrl.org/contest-calendar>

HAMFEST CALENDAR

[Please confirm the status of a Hamfest before making plans to attend]

12/08/2023 - 12/09/2023 [Tampa Bay Hamfest, ARRL West Central Florida Section Convention](#)

Location: Plant City, FL

Type: ARRL Convention

Sponsor: The Florida Gulf Coast Amateur Radio Council

Website: <https://fgcarc.org/>

01/12/2024 - 01/14/2024 [ARRL Puerto Rico State Convention](#)

Location: Hatillo, PR

Type: ARRL Convention

Sponsor: WP4CRG , ARRL PR State Convention, Inc.

Website: <https://arrlpr.com/>

01/13/2024 - [K4KDI Winter Tailgate 2024](#)

Location: Orlando, FL

Type: ARRL Hamfest

Sponsor: Conway Baptist Church

Website: <http://k4kdi.square.site>

01/19/2024 - 01/20/2024 [Southwest Florida Regional Hamfest](#)

Location: Fort Myers, FL

Type: ARRL Hamfest

Sponsor: Fort Myers Amateur Radio Club

Website: <http://www.swflhamfest.info/>

01/27/2024 - [Winter Field Day & Tailgating in the Florida Keys](#)

Location: Scout Key, FL

Type: ARRL Convention

Sponsor: Conch Auxiliary Radio Emergency Services K4ECT

Website: <http://www.keyscares.net>

02/09/2024 - 02/11/2024 [Orlando HamCation, ARRL Florida State Convention](#)

Location: Orlando, FL

Type: ARRL Convention

Sponsor: Orlando Amateur Radio Club

Website: <http://www.hamcation.com>

02/17/2024 - [Ham Fest](#)

Location: Brooksville, FL

Type: ARRL Hamfest

Sponsor: Hernando County Amateur Radio Association

Website: <http://www.hcara.org>

02/17/2024 - [Highlands County Amateur Radio Club Hamfest](#)

Location: Sebring, FL

Type: ARRL Hamfest

Sponsor: Highlands Amateur Radio Club

For more information: www.arrl.org/hamfests-and-conventions-calendar

When searching by division, remember some states adjacent to GA are in different divisions: Southeastern: GA, AL, FL Delta: TN Roanoke: NC, SC



GARS Events Calendar for 2023		GARS Recurring Calendar
TechFest Winter Field Day Spring Technician HamCram Dog Show Fundraiser Georgia QSO Party North metro area Fox Hunt Summer General HamCram Memorial Day Parade ARC/KARC Hamfest Field Day JOTA Fall Technician HamCram Stone Mt. Hamfest Holiday Party	January 14 2023 January 28-29 2023 March 25-26 2023 March 29-April 2 2023 April 8-9 2023 April 2023 April 29-30 2023 May 29 2023 June 3 2023 June 24-25 2023 October 2023 September 30- October 1 2023 November 4-5 2023 December 2 2023	<ul style="list-style-type: none"> 2nd Tuesday of the month at 7 pm (except December) Monthly Club Meeting 690 Airport Rd, Lawrenceville, GA 30046 3rd Tuesday of the month at 7 pm (except December) Monthly Workshop 690 Airport Rd, Lawrenceville, GA 30046 2nd Sunday of the Month at 2 pm GARS Ham Exam Session 690 Airport Rd Lawrenceville, GA 30046 Every Monday at 7:30 pm: GARS Want, Swap, Sell, and Information Net on the GARS 147.075 MHz repeater Every Monday at 8:30 pm: ARES Training on the GARS 147.075 MHz repeater Every Friday at 11:30 am, GARS Lunch at The 5 Spot Every Saturday at 8:00 am GARS Breakfast at The 5 Spot

GARS Calendar for December 2023

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1 11:30 AM Lunch at The 5 Spot	2 8:00 AM Breakfast at The 5 Spot 6:30 PM Holiday Party, EAA Hangar
3	4 7:30 – 8:00 PM 2M Net	5 7:00 PM Exec Meeting	6	7	8 11:30 AM Lunch at The 5 Spot	9 8:00 AM Breakfast at The 5 Spot
10 2:00 PM GARS Ham Radio Exams, EAA 690 Hangar	11 7:30 – 8:00 PM 2M Net	12	13	14	15 11:30 AM Lunch at The 5 Spot	16 8:00 AM Breakfast at The 5 Spot
17	18 7:30 – 8:00 PM 2M Net	19	20	21	22 11:30 AM Lunch at The 5 Spot	23 8:00 AM Breakfast at The 5 Spot
24	25 7:30 – 8:00 PM 2M Net	26	27	28	29 11:30 AM Lunch at The 5 Spot	30 8:00 AM Breakfast at The 5 Spot
31						

Local Ham Radio Exams & Meetings

GARS Ham Radio Exams

Second Sunday of the month

Preregistration is **REQUIRED**

Doors open at 1:45pm, exams start promptly by 2:00pm

For more information and to preregister, please visit <https://gars.org/exams/>

GARS VE-Team

VEC: W5YI-VEC

EAA 690 Hangar

690 Airport Rd

Lawrenceville, GA 30046

GARS VE Team Leaders

E-mail: exams@gars.org.



October 2023 Results

The GARS VE Team had a great exam session on November 12.

1 New Technician -- EARNEST MOODIE: KQ4MKS

1 Upgraded to General – Robert Reid: KQ4JOG

1 NEW Amateur Extra (passed all 3) – Patrick W Dodd: KZ4CB

Special thanks to the Volunteer Examiners who made this exam session possible:

W4DTR - Dave (CVE)

KK4TKJ - Chuck (CVE)

K4CQO - Bob (CVE)

WB2OGY - Steve

AB4QQ - Russell

WB4WTN - Bill

AF4FG - Earl

KM4SWL - Richard

NV4Q - Bill

N4XYY - Rick

W4SHT - Lynn

Thanks & 73, Dave Bruse, W4DTR (CVE)

Local Ham Radio Exams

In order to find an exam session near you, please visit

http://www.arrl.org/exam_sessions/. Contact the information in the listing for further information.



Local Ham Radio Meetings

In order to find a local Ham Radio Club meeting near you, please visit

<http://www.arrl.org/find-a-club>. Contact the club for meeting information.





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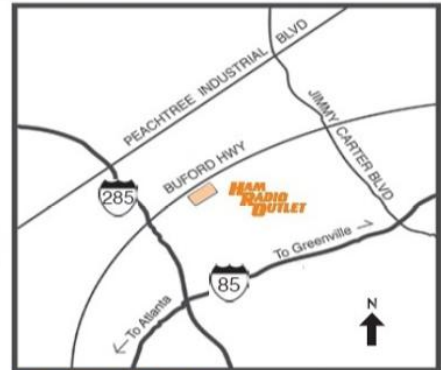


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